

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Confirmation No.: 8441

Application No.: 10/621,112  
Filing Date: July 16, 2003  
Applicant: Alexander Gelman  
Group Art Unit: 2456  
Examiner: Richard G. Keehn  
Title: ATOMIC SELF-HEALING ARCHITECTURE  
Attorney Docket: 9432-000201

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Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AFTER FINAL**

Sir:

In response to the Office Action mailed June 23, 2009, please amend the application as follows and consider the remarks set forth below.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 16 of this paper.